

## KOREAN PATENT ABSTRACTS(KR)

Document Code: A

(11) Publication No. 1020020053403

(43) Publication.Date. 20020705

(21) Application No. 1020000083035

(22) Application Date. 20001227

(51) IPC Code: H04L 29/06

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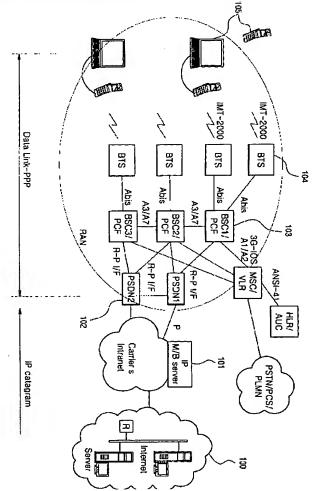
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(30) Priority:

(54) Title of Invention

LINK CONNECTION CONTROL PROTOCOL EMBODYING APPARATUS AND METHOD FOR TRANSMITTING IP MULTICASTING/BROADCASTING PACKET DATA IN MOBILE COMMUNICATION NETWORK

## Representative drawing



## (57) Abstract:

PURPOSE: A link connection control protocol embodying apparatus for transmitting IP multicasting/broadcasting packet data and a method thereof are provided to transfer data received in a physical layer to an upper data layer by transmitting a cellular multicasting/broadcasting packet between a base station and a mobile communication terminal in a mobile communication network.

CONSTITUTION: A base station(104) divides and transmits IP multicasting/broadcasting packet data from an internet host or an IP packet multicasting/broadcasting packet server through a base



station controller/packet

controller into a radio frame. A mobile communication terminal (105) combines the radio frame from the base station (104) and forms a P packet multicasting/broadcasting packet. A repeat transmission request message based multicasting/broadcasting link connection control protocol confirms a frame transmission in a radio link between the base station (104) and the mobile communication terminal (105).

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